

## Case 240 : Narrative

Case Vehicle (A): 2001 Ford
Type: F-350, 4x4, 4-door pickup
Driver: 28-year-old male
CDC: 12-FZEN-2

### SITUATION

1 Case vehicle (A) was traveling in the eastbound lane of an icy, gravel, two-lane roadway, 2 with a speed limit of 72 kph (45 mph). The driver of case vehicle (A) reportedly lost control of the vehicle when it began to fishtail. He reportedly attempted to regain control of case vehicle (A) by first steering right and braking, and then by steering left, but case vehicle (A) departed the road off the left shoulder, and the right front of case vehicle (A) struck a tree. A field breath test of the driver produced a result of .12 percent blood alcohol.

### GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

3 Damage to case vehicle (A) was moderate and was primarily to the right portion of the front end. The direct-damage length from the impact with the tree was 21 cm and began 50-cm inboard from the right-front bumper corner. The maximum crush to the bumper was 34 cm and occurred to the left of the right headlight assembly. The left wheelbase was extended 3 cm, and the right wheelbase was reduced 4 cm.

Using the WinSMASH accident-reconstruction program and 4 5 6 c-values for case vehicle (A), the following impact severity was calculated for the impact with the tree:

		Calculated Velocity Change - kph (mph)		
Vehicle	Variable	Total	Longitudinal	Latitudinal
Case Vehicle (A)	delta V	31 (19)	-31 (-19)	0 (0)

## DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

### Exterior

[7](#) [8](#) [9](#) [10](#) [11](#) The front bumper, the right headlight assembly, and the grille were damaged from the frontal impact with the tree. The right front of the hood was crushed rearward, and the hood latch was jammed. Both hood hinges were damaged, but did not separate. The rear edge of the hood was elevated, but it did not contact the windshield.

The upper and lower portions of the right A-pillar were deformed. The right fender was buckled and the right-front wheel was displaced rearward 4 cm. All doors remained closed and operational. The upper right corner of the tail-gate was buckled.

### Interior

[12](#) [13](#) [14](#) [15](#) [16](#) This vehicle was equipped with both steering-wheel and passenger frontal-impact airbags, which deployed during the frontal impact with the tree. No damage was noted to the airbag skins or [17](#) [18](#) [19](#) [20](#) to the module doors/flaps. [21](#) The steering-wheel rim was not deformed and there was no deformation of the steering-wheel spokes. There were no intrusions. [22](#) [23](#) [24](#) There was no damage to the upper and mid instrument panels. There was damage to the lower windshield, just to the left of center, probably from driver contact, but possibly from contact by a loose object in the interior of the vehicle. The right side of the windshield was damaged from contact by the right-front passenger. The driver knee bolster had a scuff mark on left side and was cracked on the right side in front of the accelerator. There were scuff marks on the

glove-box door and the latch was broken. [25](#) [26](#) [27](#) [28](#) [29](#) [30](#) No contact marks were noted on either of roof siderails, the upper A-pillars, or the front door interior panels.

## OCCUPANT INJURIES AND KINEMATICS

The 6-ft, 2-in, 190-lb, 28-year-old male driver [31](#) [32](#) [33](#) was not wearing the available three-point belt and the steering-wheel airbag deployed. On impact, he moved forward into the airbag. No contact marks were noted to the airbag cover. He sustained a laceration to the top of the head, probably from contact with the sunvisor pivot post, [34](#) as evidenced by the broken pivot-post cover and a scuff mark on the left sunvisor. He also sustained a contusion over his sternum, probably from contact by the deploying airbag. [35](#) [36](#) [37](#) The right side of the driver knee bolster was cracked and a heavy scuff mark was noted on the left side. In addition, [38](#) [39](#) the left side of the rearview mirror was cracked and there was a radial crack in the lower windshield to the left of center, but no injuries were reported that could be associated with these occupant contact points.

The 5-ft, 3-in, 105-lb, 23-year-old female right-front passenger [40](#) was not wearing the available three-point belt and the passenger frontal-impact airbag deployed. On impact, she moved forward into the airbag and her knees contacted the glove-box door. She then pivoted up and over the airbag and into the windshield. [41](#) [42](#) She sustained a 1-cm laceration to her chin, a laceration through her lower lip, and a fracture of her right incisor tooth, probably from facial contact with the windshield, as indicated by the star fracture pattern on the lower-center windshield. She also sustained a strain of the right elbow, possibly from contact with the airbag. [43](#) [44](#) A scuff mark was noted on the glove-box door, but no injuries were reported that could be associated with it.

The following tables and [45](#) [46](#) attached drawings summarize the injuries sustained by the driver and the right-front passenger.

Occupant: Driver	Age: 28 years	Gender: Male		
Restraints: 3-point belt <u>not</u> worn; airbag deployed	Stature: 188 cm (6 ft, 2 in)	Mass: 86 kg (190 lb)		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
Laceration, top of head	1	—	Sunvisor	—
Contusion, over sternum	1	—	Airbag	—
Maximum A.I.S. Level	1	—	—	—
Injury Severity Score	1	—	—	—

Occupant: Right front	Age: 23 years	Gender: Female		
Restraints: 3-point belt <u>not</u> worn; airbag deployed	Stature: 160 cm (5 ft, 3 in)	Mass: 48 kg (105 lb)		
Injury Description	A.I.S.	Injury Source		
—	—	Definite	Probable	Possible
1-cm Laceration, chin	1	—	Windshield	—
Laceration, through lower lip	1	—	Windshield	—
Fracture, right incisor tooth	1	—	Windshield	—
Strain, right elbow	1	—	—	Airbag
Maximum A.I.S. Level	1	—	—	—
Injury Severity Score	3	—	—	—

CASE NO.: 240-01

CASE VEHICLE: 2001 Ford

TYPE: F-350, 4x4, 4-door pickup

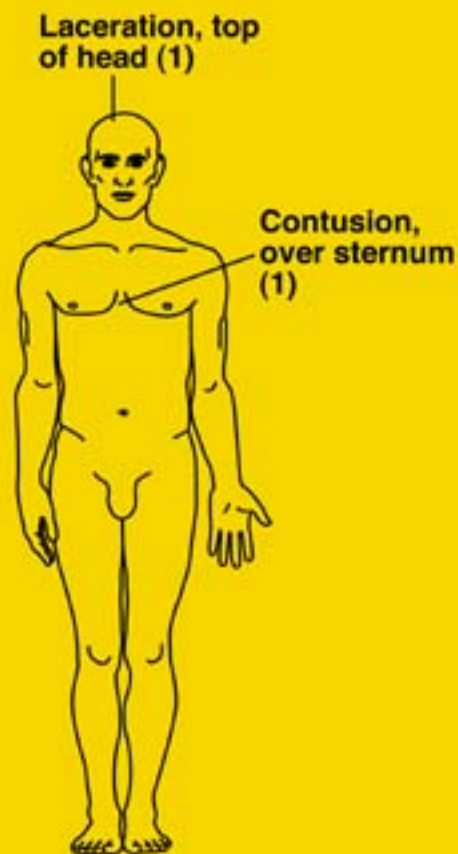
OCCUPANT: (Driver): 28-year-old male

STATURE: 188 cm (6 ft, 2 in)

MASS: 86 kg (190 lb)

RESTRAINTS: 3-point belt not worn; airbag deployed

SEVERITY: MAIS - 1 ISS - 1



CASE NO.: 240-01

CASE VEHICLE: 2001 Ford

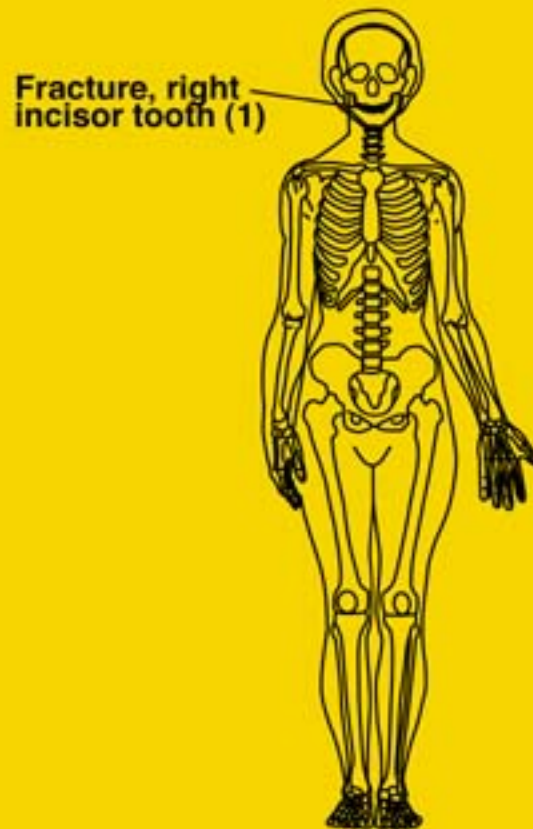
TYPE: Ford F-350, 4x4, 4-door pickup

OCCUPANT: (Right front): 23-year-old female

STATURE: 160 cm (5 ft, 3 in)      MASS: 48 kg (105 lb)

RESTRAINTS: 3-point belt not worn; airbag deployed

SEVERITY:    MAIS - 1    :    ISS - 3



Case No.: 240-01

Veh. (A): 2001 Ford

Type: F-350, 4x4 4-door pickup

Driver: 28-year-old male

Light Conditions: **Dark; unlighted**

Weather: **Cloudy**

Road Surface: **Icy**

Road Construction: **Gravel**



Speed limit 72 kph (45 mph)

Gravel



# Vehicle Report

## General

## Conditions

Variable Number and Name	Code Value	Code Description	Other Options
V206 — Urban/Rural Area	2	Rural	<a href="#">more</a>
V207 — Limited Access Highway	0	No	<a href="#">more</a>
V208 — Road Total Lanes	2	2 lanes	<a href="#">more</a>
V209 — Intersecting Road Total Lanes	8	Not applicable	<a href="#">more</a>
V210 — Road Surface Type	3	Gravel	<a href="#">more</a>
V211 — Road Defects	0	No	<a href="#">more</a>
V212 — Construction Zone	0	No	<a href="#">more</a>
V213 — Road Alignment Vertical Plane	1	Level	<a href="#">more</a>
V214 — Road Alignment Horizontal Plane	1	Straight	<a href="#">more</a>
V215 — Surface Covering	41	Ice	<a href="#">more</a>
V216 — Visibility Limitation	0	None	<a href="#">more</a>
V217 — Visibility Obstruction	0	None	<a href="#">more</a>
V218 — Speed Limit	4	71-79 km/h .. 45 mph	<a href="#">more</a>
V219 — Precipitation Type	0	None	<a href="#">more</a>
V220 — Precipitation Rate	8	Not applicable	<a href="#">more</a>
V221 — Temperature	9	Unknown	<a href="#">more</a>
V222 — Crosswind	9	Unknown	<a href="#">more</a>
V223 — Light Conditions	5	Dark, unlighted	<a href="#">more</a>
V224 — Mechanical Malfunction Mention	0	No	<a href="#">more</a>
V225 — Case Vehicle and Object	1	Yes	<a href="#">more</a>
V226 — Case Vehicle Rollover	0	No	<a href="#">more</a>
V227 — Case Vehicle Ran Off Roadway	1	Yes	<a href="#">more</a>



V228 — Moving Case Vehicle/Contacted Moving Vehicle	0	No	<a href="#">more</a>
V229 — Case Vehicle/Contacted Stopped Vehicle	0	No	<a href="#">more</a>
V230 — Stopped Case Vehicle/Contactd Vehicle	0	No	<a href="#">more</a>
V231 — Total Vehicles Hit By Case Vehicle	0	0 vehicles	<a href="#">more</a>
V232 — Any Fire in Crash	0	No	<a href="#">more</a>
V233 — Max Police Severity-PAR	2	B - Non-Incapacitating Injury	<a href="#">more</a>
V234 — Driver Alcohol Involvement	1	Had been drinking	<a href="#">more</a>
V235 — Driver Alcohol BAC	12	—	—
V236 — Driver Impairment Mention	1	Yes	<a href="#">more</a>
V237 — Driven/Towed From Scene	2	Towed Due to Damage	<a href="#">more</a>

## Other Vehicle

Variable Number and Name	Code Value	Code Description	Other Options
V301 — Other Vehicle VIN			<a href="#">more</a>
V303 — Other Vehicle Manufacturer	998	No Other Vehicle	<a href="#">more</a>
V304 — Other Vehicle Body Code	98	No Other Vehicle	<a href="#">more</a>
V305 — Other Vehicle Make/Model	0000	No other vehicle	<a href="#">more</a>
V306 — Other Vehicle Model Year	9999	No other vehicle	<a href="#">more</a>
V307 — Other Vehicle Mass	999998	No other vehicle	<a href="#">more</a>
V308 — Other Vehicle Number	8	No other vehicle	<a href="#">more</a>
V309 — Other Vehicle Number of Occupants	98	No other vehicle	<a href="#">more</a>
V310 — Other Vehicle Traveling Speed	999	Unknown	<a href="#">more</a>
V311 — Highest Police Injury Severity	8	Unoccupied Vehicle	<a href="#">more</a>
V312 — Other Vehicle Type	98	No Other Vehicle	<a href="#">more</a>
V313 — Other Vehicle Wheelbase (cm)	998	No other vehicle	<a href="#">more</a>
V314 — Average Track Width	999	Unknown	<a href="#">more</a>
V315 — Overall Length	999	Unknown	<a href="#">more</a>
V316 — Overall Width (OAW)	999	Unknown	<a href="#">more</a>
V317 — Front Overhang (FOH)	999	Unknown	<a href="#">more</a>
V318 — Rear Overhang (ROH)	999	Unknown	<a href="#">more</a>
V319 — Undeformed End Width (UEW)	999	Unknown	<a href="#">more</a>
V320 — Engine Displacement	9.9 l	—	—
V321 — Engine: Number of Cylinders	99	Unknown	<a href="#">more</a>
V322 — Direct Damage Length (DDL)	999	Unknown	<a href="#">more</a>
V323 — Front-End Overlap % (FEO)	99	Missing or Not applicable	<a href="#">more</a>
V324 — Vehicle Overlap % (VOL)	99	Missing or Not applicable	<a href="#">more</a>

## Case Vehicle

### General

Variable Number and Name	Code Value	Code Description	Other Options
V401 — VIN	3FTSX31F91MA	—	—
V402 — Manufacturer/Body Code	12112	—	—
V403 — Vehicle Manufacturer	121	Ford	<a href="#">more</a>
V404 — Vehicle Body Code	12	—	—
V405 — Make/Model Code	3110	Flareside, Styleside F350	<a href="#">more</a>
V406 — Model Year	2001	—	—
V407 — Vehicle Mass	002564 kg	—	—
V408 — Odometer Reading	017066 miles	—	—
V409 — Number of Occupants	02	—	—
V410 — Traveling Speed	999	Unknown	<a href="#">more</a>
V411 — Body Type	33	Pickup truck (large)	<a href="#">more</a>
V412 — Stolen Vehicle	8	Not currently collected	<a href="#">more</a>
V413 — Body Structure	1	Body and frame	<a href="#">more</a>
V414 — Transmission Type	1	Automatic	<a href="#">more</a>
V415 — Transmission Lever Location	3	Column	<a href="#">more</a>
V416 — Steering	1	Power	<a href="#">more</a>
V417 — Brakes	1	Power	<a href="#">more</a>
V418 — Brake Type	3	Disc - all wheels	<a href="#">more</a>
V419 — Brake Anti-lock Device	1	Two-wheel	<a href="#">more</a>
V420 — Air Conditioning in Vehicle	8	Not currently collected	<a href="#">more</a>
V421 — Drive Type	3	Four wheel	<a href="#">more</a>
V422 — Dual Rear Wheels	0	No	<a href="#">more</a>
V423 — Original Restraint System Type	3	Airbag	<a href="#">more</a>
V424 — Equipped With Roll Bar	0	No	<a href="#">more</a>

V425 — Roof Type	1	Solid	<a href="#">more</a>
V426 — Wheelbase	360 cm	—	—
V427 — Anti-lacerative Glass	0	None	<a href="#">more</a>
V428 — Average Track Width	174 cm	—	—
V429 — Overall Length	577 cm	—	—
V430 — Overall Width (OAW)	203 cm	—	—
V431 — Front Overhang	095 cm	—	—
V432 — Rear Overhang	121 cm	—	—
V433 — Undeformed End Width (UEW)	190 cm	—	—
V434 — Engine Displacement	5.4 <i>l</i>	—	—
V435 — Engine: Number of Cylinders	08	—	—
V436 — Direct Damage Length (DDL)	999	Unknown	<a href="#">more</a>
V437 — Front End Overlap % (FEO)	99	Missing or Not applicable	<a href="#">more</a>
V438 — Vehicle Overlap % (VOL)	99	Missing or Not applicable	<a href="#">more</a>

## Case Vehicle

## Damage

## Description

Variable Number and Name	Code Value	Code Description	Other Options
V501 — Maximum Crush - Front	034 cm	—	—
V502 — Maximum Crush - Right Side	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V503 — Maximum Crush - Rear	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V504 — Maximum Crush - Left Side	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V505 — Maximum Crush - Roof	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V506 — Maximum Crush - Other	000 cm	No crush (or less than 1 cm.)	<a href="#">more</a>
V507 — Are Events In Chronological Order	1	Yes	<a href="#">more</a>
V508 — Event 1 Impact Location	3	On Roadside	<a href="#">more</a>
V509 — Event 1 Impact Configuration	17	FRONT of case veh - object	<a href="#">more</a>
V510 — Event 1 Object/Vehicle Contacted	77	Sign post, utility pole, tree	<a href="#">more</a>
V511 — Event 2 Impact Location	8	No 2nd event	<a href="#">more</a>
V512 — Event 2 Impact Configuration	88	No 2nd event	<a href="#">more</a>
V513 — Event 2 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V514 — Event 3 Impact Location	8	No 3rd event	<a href="#">more</a>
V515 — Event 3 Impact Configuration	88	No 3rd event	<a href="#">more</a>
V516 — Event 3 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V517 — Event 4 Impact Location	8	No 4th event	<a href="#">more</a>
V518 — Event 4 Impact Configuration	88	No 4th event	<a href="#">more</a>
V519 — Event 4 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V520 — Event 5 Impact Location	8	No 5th event	<a href="#">more</a>
V521 — Event 5 Impact Configuration	88	No 5th event	<a href="#">more</a>

V522 — Event 5 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V523 — Event 6 Impact Location	8	No 6th event	<a href="#">more</a>
V524 — Event 6 Impact Configuration	88	No 6th event	<a href="#">more</a>
V525 — Event 6 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V526 — Event 7 Impact On Road	8	No 7th event	<a href="#">more</a>
V527 — Event 7 Impact Configuration	88	No 7th event	<a href="#">more</a>
V528 — Event 7 Object/Vehicle Contacted	00	No object/vehicle contacted	<a href="#">more</a>
V529 — Primary CDC Case Vehicle - event Number	1	Event 1	<a href="#">more</a>
V530 — Primary CDC Case Vehicle - impact speed	999	Unknown	<a href="#">more</a>
V531 — Primary CDC Case Vehicle - Estimated By	1	Investigator	<a href="#">more</a>
V532 — Primary CDC Case Vehicle - crush	034	—	—
V533 — Primary CDC Case Vehicle - clock #1	12	12 o'clock	<a href="#">more</a>
V534 — Primary CDC Case Vehicle letter 1 #1	06	F - Front	<a href="#">more</a>
V535 — Primary CDC Case Vehicle letter 2 #1	26	Z - Side or end (B + P or R + C)	<a href="#">more</a>
V536 — Primary CDC Case Vehicle letter 3 #1	05	E - Everything below belt line	<a href="#">more</a>
V537 — Primary CDC Case Vehicle letter 4 #1	14	N - Narrow impact area	<a href="#">more</a>
V538 — Primary CDC Case Vehicle Extent #1	02	Extent 2	<a href="#">more</a>
V539 — Primary CDC Case Vehicle - CDC #1	12FZEN2	—	—
V541 — Primary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V542 — Primary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V543 — Primary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>

V544 — Primary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V545 — Primary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V546 — Primary CDC Case Vehicle - CDC #2	9800000	—	—
V547 — Primary CDC Contacted Vehicle - Impact Speed	998	Not Applicable	<a href="#">more</a>
V548 — Primary CDC Contacted Vehicle - Estimated By	8	Not applicable (no vehicle/no impact)	<a href="#">more</a>
V549 — Primary CDC Contacted Vehicle -crush	998	Not Applicable	<a href="#">more</a>
V550 — Primary CDC Contacted Vehicle -clock #1	98	Not Applicable	<a href="#">more</a>
V551 — Primary CDC Contacted Vehicle letter 1 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V552 — Primary CDC Contacted Vehicle letter 2 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V553 — Primary CDC Contacted Vehicle letter 3 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V554 — Primary CDC Contacted Vehicle letter 4 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V555 — Primary CDC Contacted Vehicle Extent #1	00	Missing Data/Not applicable	<a href="#">more</a>
V556 — Primary CDC Contacted Vehicle -CDC #1	9800000	—	—
V558 — Primary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V559 — Primary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V560 — Primary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V561 — Primary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V562 — Primary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V563 — Primary CDC Contacted Vehicle -CDC #2	9800000	—	—
V564 — Secondary CDC Case Vehicle - Event No	8	Not applicable	<a href="#">more</a>

V565 — Secondary CDC Case Vehicle - Impact Speed	998	Not Applicable	<a href="#">more</a>
V566 — Secondary CDC Case Vehicle - Estimated By	8	Not applicable (no vehicle/no impact)	<a href="#">more</a>
V567 — Secondary CDC Case Vehicle -crush	998	Not Applicable	<a href="#">more</a>
V568 — Secondary CDC Case Vehicle -clock #1	98	Not Applicable	<a href="#">more</a>
V569 — Secondary CDC Case Vehicle letter 1 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V570 — Secondary CDC Case Vehicle letter 2 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V571 — Secondary CDC Case Vehicle letter 3 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V572 — Secondary CDC Case Vehicle letter 4 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V573 — Secondary CDC Case Vehicle Extent #1	00	Missing Data/Not applicable	<a href="#">more</a>
V574 — Secondary CDC Case Vehicle -CDC #1	9800000	—	—
V576 — Secondary CDC Case Vehicle letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V577 — Secondary CDC Case Vehicle letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V578 — Secondary CDC Case Vehicle letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V579 — Secondary CDC Case Vehicle letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V580 — Secondary CDC Case Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V581 — Secondary CDC Case Vehicle -CDC #2	9800000	—	—
V582 — Secondary CDC Contacted Vehicle - Impact Speed	998	Not Applicable	<a href="#">more</a>
V583 — Secondary CDC Contacted Vehicle - Estimated By	8	Not applicable (no vehicle/no impact)	<a href="#">more</a>
V584 — Secondary CDC Contacted Vehicle -crush	998	Not Applicable	<a href="#">more</a>
V585 — Secondary CDC Contacted Vehicle -clock #1	98	Not Applicable	<a href="#">more</a>



V586 — Secondary CDC Contacted Vehicle letter 1 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V587 — Secondary CDC Contacted Vehicle letter 2 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V588 — Secondary CDC Contacted Vehicle letter 3 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V589 — Secondary CDC Contacted Vehicle letter 4 #1	00	Missing Data/Not applicable	<a href="#">more</a>
V590 — Secondary CDC Contacted Vehicle Extent #1	00	Missing Data/Not applicable	<a href="#">more</a>
V591 — Secondary CDC Contacted Vehicle -CDC #1	9800000	—	—
V593 — Secondary CDC Contacted Vehicle letter 1 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V594 — Secondary CDC Contacted Vehicle letter 2 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V595 — Secondary CDC Contacted Vehicle letter 3 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V596 — Secondary CDC Contacted Vehicle letter 4 #2	00	Missing Data/Not applicable	<a href="#">more</a>
V597 — Secondary CDC Contacted Vehicle Extent #2	00	Missing Data/Not applicable	<a href="#">more</a>
V598 — Secondary CDC Contacted Vehicle -CDC #2	9800000	—	—

## Crash Severity

Variable Number and Name	Code Value	Code Description	Other Options
V601 — Case Vehicle Primary Impact Number	1	—	—
V602 — Primary Impact Total Delta-V	031 kph	—	—
V603 — Primary Case Vehicle Reconstructed Longitudinal Delta-V	-031 kph	—	—
V604 — Primary Case Vehicle Reconstructed Lateral Delta-V	0000 kph	—	—
V605 — Primary Case Vehicle Reconstructed Crush Energy	0103 kJ	—	—
V606 — Primary Impact Case Vehicle - reconstruction	22	Reconstructed, moderate confidence level	<a href="#">more</a>
V607 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	<a href="#">more</a>
V608 — Primary Contacted Vehicle Reconstructed Total Delta-V	888	N/A	<a href="#">more</a>
V609 — Primary Contacted Vehicle Reconstructed Longitudinal Delta-V	8888	—	—
V610 — Primary Contacted Vehicle Reconstructed Lateral Delta-V	8888	—	—
V611 — Primary Contacted Vehicle Reconstructed Crush Energy	8888	—	—
V612 — Case Vehicle Secondary Impact Number	8	—	—
V613 — Secondary Case Vehicle Reconstructed Total Delta-V	888	N/A	<a href="#">more</a>
V614 — Secondary Case Vehicle Reconstructed Longitudinal Delta-V	8888	—	—
V615 — Secondary Case Vehicle Reconstructed Lateral Delta-V	8888	—	—
V616 — Secondary Case Vehicle Reconstructed Crush Energy	8888	—	—
V617 — Secondary Case Vehicle Reconstruction Note	88	—	—
V618 — Secondary Case Vehicle	8	Not applicable	<a href="#">more</a>

Reconstruction Mode			
V619 — Secondary Contacted Vehicle Reconstructed Total Delta-V	888	N/A	<a href="#">more</a>
V620 — Secondary Contacted Vehicle Reconstructed Longitudinal Delta-V	8888	—	—
V621 — Secondary Contacted Vehicle Reconstructed Lateral Delta-V	8888	—	—
V622 — Secondary Contacted Vehicle Reconstructed Crush Energy	8888	—	—
V623 — Case Vehicle Primary Impact Number	1	—	—
V624 — Primary Case Vehicle Reconstructed Total EBS	031 kph	—	—
V625 — Primary Case Vehicle Reconstructed Longitudinal EBS	-031 kph	—	—
V626 — Primary Case Vehicle Reconstructed Lateral EBS	0000 kph	—	—
V627 — Primary Case Vehicle Reconstructed Crush Energy	0103 kJ	—	—
V628 — Primary Case Vehicle Reconstruction Note	22	Reconstructed, moderate confidence level	<a href="#">more</a>
V629 — Primary Case Vehicle Reconstruction Mode	2	CDC & detailed damage	<a href="#">more</a>
V630 — Primary Contacted Vehicle Reconstruction Total EBS	888	N/A	<a href="#">more</a>
V631 — Primary Contacted Vehicle Reconstruction Longitudinal EBS	8888	—	—
V632 — Primary Contacted Vehicle Reconstruction Lateral EBS	8888	—	—
V633 — Primary Contacted Vehicle Reconstruction Crush Energy	8888	—	—
V634 — Case Vehicle Secondary Impact Number	8	Not applicable	<a href="#">more</a>
V635 — Secondary Case Vehicle Reconstruction Total EBS	888	N/A	<a href="#">more</a>
V636 — Secondary Case Vehicle Reconstruction Longitudinal EBS	8888	—	—
V637 — Secondary Case Vehicle Reconstruction Lateral EBS	8888	—	—

V638 — Secondary Case Vehicle Reconstruction Crush Energy	8888	—	—
V639 — Secondary Case Vehicle Reconstruction Note	88	—	—
V640 — Secondary Case Vehicle Reconstruction Mode	8	Not applicable	<a href="#">more</a>
V641 — Secondary Contacted Vehicle Reconstruction Total EBS	888	N/A	<a href="#">more</a>
V642 — Secondary Contacted Vehicle Reconstruction Longitudinal EBS	8888	—	—
V643 — Secondary Contacted Vehicle Reconstruction Lateral EBS	8888	—	—
V644 — Secondary Contacted Vehicle Reconstruction Crush Energy	8888	—	—
V645 — Case Vehicle Reconstructed Impact Number	1	—	—
V646 — Case Vehicle Impact 1 Plane	1	Bumper	<a href="#">more</a>
V647 — Case Vehicle Impact 1 Direct Damage Length [DDL]	021 cm	—	—
V648 — Case Vehicle Impact 1 Max Crush	034 cm	—	—
V649 — Case Vehicle Impact 1 Field-L	190 cm	—	—
V650 — Case Vehicle Impact 1 C1	000 cm	No Crush	<a href="#">more</a>
V651 — Case Vehicle Impact 1 C2	000 cm	No Crush	<a href="#">more</a>
V652 — Case Vehicle Impact 1 C3	010 cm	—	—
V653 — Case Vehicle Impact 1 C4	025 cm	—	—
V654 — Case Vehicle Impact 1 C5	032 cm	—	—
V655 — Case Vehicle Impact 1 C6	029 cm	—	—
V656 — Case Vehicle Impact 1 +/- D	0034 cm	—	—
V657 — Case Vehicle Reconstructed Impact Number	9	Unknown	<a href="#">more</a>
V658 — Case Vehicle Impact 2 Plane	9	Unknown	<a href="#">more</a>
V659 — Case Vehicle Impact 2 Direct Damage Length [DDL]	999	Unknown	<a href="#">more</a>
V660 — Case Vehicle Impact 2 Max Crush	999	Unknown	<a href="#">more</a>

V661 — Case Vehicle Impact 2 Field-L	999	Unknown	<a href="#">more</a>
V662 — Case Vehicle Impact 2 C1	999	Unknown	<a href="#">more</a>
V663 — Case Vehicle Impact 2 C2	999	Unknown	<a href="#">more</a>
V664 — Case Vehicle Impact 2 C3	999	Unknown	<a href="#">more</a>
V665 — Case Vehicle Impact 2 C4	999	Unknown	<a href="#">more</a>
V666 — Case Vehicle Impact 2 C5	999	Unknown	<a href="#">more</a>
V667 — Case Vehicle Impact 2 C6	999	Unknown	<a href="#">more</a>
V668 — Case Vehicle Impact 2 +/- D	9999	—	—
V669 — Other Vehicle Reconstructed Impact Number	9	Unknown	<a href="#">more</a>
V670 — Other Vehicle Impact 1 Plane	9	Unknown	<a href="#">more</a>
V671 — Other Vehicle Impact 1 Direct Damage Length [DDL]	999	Unknown	<a href="#">more</a>
V672 — Other Vehicle Impact 1 Max Crush	999	Unknown	<a href="#">more</a>
V673 — Other Vehicle Impact 1 Field-L	999	Unknown	<a href="#">more</a>
V674 — Other Vehicle Impact 1 C1	999	Unknown	<a href="#">more</a>
V675 — Other Vehicle Impact 1 C2	999	Unknown	<a href="#">more</a>
V676 — Other Vehicle Impact 1 C3	999	Unknown	<a href="#">more</a>
V677 — Other Vehicle Impact 1 C4	999	Unknown	<a href="#">more</a>
V678 — Other Vehicle Impact 1 C5	999	Unknown	<a href="#">more</a>
V679 — Other Vehicle Impact 1 C6	999	Unknown	<a href="#">more</a>
V680 — Other Vehicle Impact 1 +/- D	9999	—	—
V681 — Other Vehicle Reconstructed Impact Number	9	Unknown	<a href="#">more</a>
V682 — Other Vehicle Impact 2 Plane	9	Unknown	<a href="#">more</a>
V683 — Other Vehicle Impact 2 Direct Damage Length [DDL]	999	Unknown	<a href="#">more</a>
V684 — Other Vehicle Impact 2 Max Crush	999	Unknown	<a href="#">more</a>
V685 — Other Vehicle Impact 2 Field-L	999	Unknown	<a href="#">more</a>
V686 — Other Vehicle Impact 2 C1	999	Unknown	<a href="#">more</a>

V687 — Other Vehicle Impact 2 C2	999	Unknown	<a href="#">more</a>
V688 — Other Vehicle Impact 2 C3	999	Unknown	<a href="#">more</a>
V689 — Other Vehicle Impact 2 C4	999	Unknown	<a href="#">more</a>
V690 — Other Vehicle Impact 2 C5	999	Unknown	<a href="#">more</a>
V691 — Other Vehicle Impact 2 C6	999	Unknown	<a href="#">more</a>
V692 — Other Vehicle Impact 2 +/- D	9999	—	—

## Case Vehicle

### Tires & Rims

Variable Number and Name	Code Value	Code Description	Other Options
V701 — Left Front Wheel Damaged	0	No	<a href="#">more</a>
V702 — Right Front Wheel Damaged	0	No	<a href="#">more</a>
V703 — Right Rear Wheel Damaged	0	No	<a href="#">more</a>
V704 — Left Rear Wheel Damaged	0	No	<a href="#">more</a>
V705 — Left Front Tire Tread Type	4	All Weather	<a href="#">more</a>
V706 — Right Front Tire Tread Type	4	All Weather	<a href="#">more</a>
V707 — Right Rear Tire Tread Type	4	All Weather	<a href="#">more</a>
V708 — Left Rear Tire Tread Type	4	All Weather	<a href="#">more</a>
V709 — Left Front Carcass Construction	3	Radial	<a href="#">more</a>
V710 — Right Front Carcass Construction	3	Radial	<a href="#">more</a>
V711 — Right Rear Carcass Construction	3	Radial	<a href="#">more</a>
V712 — Left Rear Carcass Construction	3	Radial	<a href="#">more</a>
V717 — Left Front Tire Size	LT28575R16	—	—
V718 — Right Front Tire Size	LT28575R16	—	—
V719 — Right Rear Tire Size	LT28575R16	—	—
V720 — Left Rear Tire Size	LT28575R16	—	—

## Case Vehicle

### Fuel, Tank, Fire

Variable Number and Name	Code Value	Code Description	Other Options
V801 — Propulsive Fuel Type	2	Diesel oil	<a href="#">more</a>
V802 — Main Tank Location	322	Within frame/centered laterally - within vertically	<a href="#">more</a>
V803 — Main Filler Cap Location	313	Left of frame laterally - above vertically	<a href="#">more</a>
V804 — Main Tank Material	1	Steel	<a href="#">more</a>
V805 — Aux Tank Type	8	Not applicable (not equipped)	<a href="#">more</a>
V806 — Aux Tank Location	888	Not applicable (not equipped)	<a href="#">more</a>
V807 — Aux Filler Cap Location	888	Not applicable (not equipped)	<a href="#">more</a>
V808 — Aux Tank Material	8	Not applicable	<a href="#">more</a>
V901 — Fuel Leakage From Crash	0	No	<a href="#">more</a>
V1001 — Fire In Or On Case Vehicle	0	No	<a href="#">more</a>



## Case Vehicle

### Exterior

Variable Number and Name	Code Value	Code Description	Other Options
V1101 — Hood Latch Released	0	No	<a href="#">more</a>
V1102 — Hood Latch Damaged	1	Yes	<a href="#">more</a>
V1103 — Hood Latch Jammed	1	Yes	<a href="#">more</a>
V1104 — Left Hood Hinge Damaged	1	Yes	<a href="#">more</a>
V1105 — Left Hood Hinge Separated	0	No	<a href="#">more</a>
V1106 — Right Hood Hinge Damaged	1	Yes	<a href="#">more</a>
V1107 — Right Hood Hinge Separated	0	No	<a href="#">more</a>
V1108 — Hood Remained On Vehicle	1	Yes	<a href="#">more</a>
V1109 — Rear Hood Edge Elevated	1	Yes	<a href="#">more</a>
V1110 — Edge Contacted Windshield	0	No	<a href="#">more</a>
V1111 — Edge Penetrated Windshield	8	Not applicable	<a href="#">more</a>
V1112 — Hood Latch Location	1	Front of Vehicle	<a href="#">more</a>
V1113 — Eng/Transmissn Mount Separation	0	No	<a href="#">more</a>
V1114 — Steerng Column Flex Coupling	9	Unknown if equipped	<a href="#">more</a>
V1115 — Steerng Column Coupling Damaged	9	Unknown	<a href="#">more</a>
V1116 — Steerng Column Coupling Separated	9	Unknown	<a href="#">more</a>
V1117 — Eng Comp Telescopng Unit	88	Not collected	<a href="#">more</a>
V1118 — Comp Orig/Telescopd Diff	888	Not collected	<a href="#">more</a>
V1119 — Left Side Body Mount Separation	0	No	<a href="#">more</a>
V1120 — Upper Left A-pillar Separation	0	No	<a href="#">more</a>
V1121 — Lower Left A-pillar Separation	0	No	<a href="#">more</a>
V1122 — Upper Left B-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>

V1123 — Lower Left B-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1124 — Upper Left C-pillar Separation	0	No	<a href="#">more</a>
V1125 — Lower Left C-pillar Separation	0	No	<a href="#">more</a>
V1126 — Upper Left D-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1127 — Lower Left D-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1128 — Left Front Door Opening Cause	0	Door did not open	<a href="#">more</a>
V1129 — Left Rear Door Opening Cause	0	Door did not open	<a href="#">more</a>
V1130 — Left Front Door Jammed Closed	0	No	<a href="#">more</a>
V1131 — Left Rear Door Jammed Closed	0	No	<a href="#">more</a>
V1132 — Rear Door Type	0	No door (includes pickups)	<a href="#">more</a>
V1133 — Rear Door Opening Cause	8	Not applicable (no rear door)	<a href="#">more</a>
V1134 — Rear Door Jammed Closed	8	Not applicable (no rear door)	<a href="#">more</a>
V1135 — Luggage Partition Damagd	8	Not applicable	<a href="#">more</a>
V1136 — Spare Tire Status	8	Not collected	<a href="#">more</a>
V1137 — Trailer Hitch Type	7	Other	<a href="#">more</a>
V1138 — Trailer Type	0	No trailer	<a href="#">more</a>
V1139 — Right Side Body Mount Separation	0	No	<a href="#">more</a>
V1140 — Upper Right A-pillar Separation	4	No separation, but damaged	<a href="#">more</a>
V1141 — Lower Right A-pillar Separation	4	No separation, but damaged	<a href="#">more</a>
V1142 — Upper Right B-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1143 — Lower Right B-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1144 — Upper Right C-pillar Separation	0	No	<a href="#">more</a>
V1145 — Lower Right C-pillar Separation	0	No	<a href="#">more</a>

V1146 — Upper Right D-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1147 — Lower Right D-pillar Separation	8	Not applicable (not equipped)	<a href="#">more</a>
V1148 — Right Front Door Opening Cause	00	Door did not open	<a href="#">more</a>
V1149 — Right Rear Door Opening Cause	00	Door did not open	<a href="#">more</a>
V1150 — Right Front Door Jammed Closed	0	No	<a href="#">more</a>
V1151 — Right Rear Door Jammed Closed	0	No	<a href="#">more</a>
V1152 — Van Rear Door Type	8	Not applicable (not a van)	<a href="#">more</a>
V1153 — Windshield Cracked		Yes	<a href="#">more</a>
V1154 — Windshield Broken	0	No	<a href="#">more</a>
V1155 — Windshield Cracked or Broken by Occupant	1	Yes	<a href="#">more</a>
V1156 — Bond Separation Extent	0	None	<a href="#">more</a>
V1157 — Windshield Code		—	—
V1158 — Did Sun/T Roof Open	8	Not Applicable	<a href="#">more</a>

## Case Vehicle

### Steering

#### Column/Rim

Variable Number and Name	Code Value	Code Description	Other Options
V1201 — Steering Wheel Rim Damage	0	None	<a href="#">more</a>
V1202 — Number of Steering Wheel Spokes	2	2 spokes	<a href="#">more</a>
V1203 — Steering Wheel Spoke Damage	0	None	<a href="#">more</a>
V1204 — Column Tilt Feature	2	Up	<a href="#">more</a>
V1205 — Column Swing-away Feature	0	Not equipped	<a href="#">more</a>
V1206 — Column Telescoping Feature	0	Not equipped	<a href="#">more</a>
V1207 — Wheel Energy Absorb Device	8	Not collected	<a href="#">more</a>
V1208 — Wheel Ea Orig/Damaged Diff	888	Not collected	<a href="#">more</a>
V1209 — Column Energy Absorb Device	88	Not collected	<a href="#">more</a>
V1210 — Column Ea Orig/Comprss Diff	888	Not collected	<a href="#">more</a>
V1211 — Shear Capsule Separation	888	Not collected	<a href="#">more</a>
V1212 — Column Vertical Rotation	0	No apparent rotation	<a href="#">more</a>
V1213 — Column Lateral Rotation	0	No apparent rotation	<a href="#">more</a>
V1214 — Steering Wheel Hub Damage	0	None	<a href="#">more</a>

## Case Vehicle

### Intrusion

Variable Number and Name	Code Value	Code Description	Other Options
V1301 — Occupant Compartment Intrusion	0	No	<a href="#">more</a>
V1302 — Was Intrusion Catastrophic	8	Not applicable	<a href="#">more</a>
V1303 — Intrusion Number 01	00	No Intrusion, None	<a href="#">more</a>
V1304 — Intrusion 01 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1305 — Intrusion 01 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1306 — Intrusion 01 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1307 — Intrusion 01 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1308 — Intrusion 01 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1309 — Intrusion 01 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1310 — Intrusion 01 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1311 — Intrusion 01 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1312 — Intrusion 01 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1313 — Intrusion 01 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1314 — Intrusion Number 02	00	No Intrusion, None	<a href="#">more</a>
V1315 — Intrusion 02 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1316 — Intrusion 02 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1317 — Intrusion 02 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>

V1318 — Intrusion 02 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1319 — Intrusion 02 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1320 — Intrusion 02 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1321 — Intrusion 02 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1322 — Intrusion 02 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1323 — Intrusion 02 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1324 — Intrusion 02 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1325 — Intrusion Number 03	00	No Intrusion, None	<a href="#">more</a>
V1326 — Intrusion 03 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1327 — Intrusion 03 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1328 — Intrusion 03 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1329 — Intrusion 03 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1330 — Intrusion 03 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1331 — Intrusion 03 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1332 — Intrusion 03 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1333 — Intrusion 03 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1334 — Intrusion 03 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1335 — Intrusion 03 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1336 — Intrusion Number 04	00	No Intrusion, None	<a href="#">more</a>
V1337 — Intrusion 04 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1338 — Intrusion 04 Intruding	00	No Intrusion, None	<a href="#">more</a>

Object			
V1339 — Intrusion 04 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1340 — Intrusion 04 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1341 — Intrusion 04 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1342 — Intrusion 04 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1343 — Intrusion 04 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1344 — Intrusion 04 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1345 — Intrusion 04 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1346 — Intrusion 04 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1347 — Intrusion Number 05	00	No Intrusion, None	<a href="#">more</a>
V1348 — Intrusion 05 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1349 — Intrusion 05 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1350 — Intrusion 05 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1351 — Intrusion 05 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1352 — Intrusion 05 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1353 — Intrusion 05 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1354 — Intrusion 05 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1355 — Intrusion 05 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1356 — Intrusion 05 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1357 — Intrusion 05 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1358 — Intrusion Number 06	00	No Intrusion, None	<a href="#">more</a>

V1359 — Intrusion 06 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1360 — Intrusion 06 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1361 — Intrusion 06 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1362 — Intrusion 06 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1363 — Intrusion 06 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1364 — Intrusion 06 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1365 — Intrusion 06 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1366 — Intrusion 06 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1367 — Intrusion 06 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1368 — Intrusion 06 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1369 — Intrusion Number 07	00	No Intrusion, None	<a href="#">more</a>
V1370 — Intrusion 07 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1371 — Intrusion 07 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1372 — Intrusion 07 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1373 — Intrusion 07 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1374 — Intrusion 07 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1375 — Intrusion 07 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1376 — Intrusion 07 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1377 — Intrusion 07 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1378 — Intrusion 07 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>



V1379 — Intrusion 07 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1380 — Intrusion Number 08	00	No Intrusion, None	<a href="#">more</a>
V1381 — Intrusion 08 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1382 — Intrusion 08 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1383 — Intrusion 08 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1384 — Intrusion 08 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1385 — Intrusion 08 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1386 — Intrusion 08 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1387 — Intrusion 08 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1388 — Intrusion 08 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1389 — Intrusion 08 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1390 — Intrusion 08 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1391 — Intrusion Number 09	00	No Intrusion, None	<a href="#">more</a>
V1392 — Intrusion 09 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1393 — Intrusion 09 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1394 — Intrusion 09 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1395 — Intrusion 09 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1396 — Intrusion 09 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1397 — Intrusion 09 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1398 — Intrusion 09 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1399 — Intrusion 09 Injury	00	No injury or no intrusion	<a href="#">more</a>

Number			
V1400 — Intrusion 09 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1401 — Intrusion 09 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1402 — Intrusion Number 10	00	No Intrusion, None	<a href="#">more</a>
V1403 — Intrusion 10 Occupant Space Number	00	No Intrusion, None	<a href="#">more</a>
V1404 — Intrusion 10 Intruding Object	00	No Intrusion, None	<a href="#">more</a>
V1405 — Intrusion 10 Assoc Event Number	0	No Intrusion, None	<a href="#">more</a>
V1406 — Intrusion 10 Max Intrusion X-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1407 — Intrusion 10 Max Intrusion Y-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1408 — Intrusion 10 Max Intrusion Z-axis	00 cm	0 cm or No Intrusion	<a href="#">more</a>
V1409 — Intrusion 10 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1410 — Intrusion 10 Injury Number	00	No injury or no intrusion	<a href="#">more</a>
V1411 — Intrusion 10 Occupant Number	00	No contact or no intrusion	<a href="#">more</a>
V1412 — Intrusion 10 Injury Number	99	Contact, injury unknown or data not collected	<a href="#">more</a>
V1413 — Door Intrusion Number 01	88	Not Applicable	<a href="#">more</a>
V1414 — Door Intrusion Number 01 Cause	8	Not applicable	<a href="#">more</a>
V1415 — Door Intrusion Number 02	88	Not Applicable	<a href="#">more</a>
V1416 — Door Intrusion Number 02 Cause	8	Not applicable	<a href="#">more</a>
V1417 — Door Intrusion Number 03	88	Not Applicable	<a href="#">more</a>
V1418 — Door Intrusion Number 03 Cause	8	Not applicable	<a href="#">more</a>
V1419 — Door Intrusion 01	88	Not Applicable	<a href="#">more</a>

Component			
V1420 — Door Intrusion 01 Component Damaged 1	8	Not Applicable	<a href="#">more</a>
V1421 — Door Intrusion 01 Component Damaged 2	8	Not Applicable	<a href="#">more</a>
V1422 — Door Intrusion 02 Component	88	Not Applicable	<a href="#">more</a>
V1423 — Door Intrusion 02 Component Damaged 1	8	Not Applicable	<a href="#">more</a>
V1424 — Door Intrusion 02 Component Damaged 2	8	Not Applicable	<a href="#">more</a>
V1425 — Door Intrusion 03 Component	88	Not Applicable	<a href="#">more</a>
V1426 — Door Intrusion 03 Component Damaged 1	8	Not Applicable	<a href="#">more</a>
V1427 — Door Intrusion 03 Component Damaged 2	8	Not Applicable	<a href="#">more</a>
V1428 — Door Intrusion 04 Component	88	Not Applicable	<a href="#">more</a>
V1429 — Door Intrusion 04 Component Damaged 1	8	Not Applicable	<a href="#">more</a>
V1430 — Door Intrusion 04 Component Damaged 2	8	Not Applicable	<a href="#">more</a>

## Case Vehicle

### Airbag(s)

Variable Number and Name	Code Value	Code Description	Other Options
V1501 — Driver Airbag Equipped	1	Yes	<a href="#">more</a>
V1502 — Driver Airbag Deployed	1	Yes	<a href="#">more</a>
V1503 — Driver Airbag Condition	0	No Damage	<a href="#">more</a>
V1504 — Passenger Airbag Equip	1	Yes	<a href="#">more</a>
V1505 — Passenger Airbag Deployed	1	Yes	<a href="#">more</a>
V1506 — Passenger Airbag Condition	0	No Damage	<a href="#">more</a>
V1507 — Steering Wheel Airbag Tether	1	Yes	<a href="#">more</a>
V1508 — Driver Airbag Marked By Contact	0	No	<a href="#">more</a>
V1509 — Passenger Airbag Tether	0	No	<a href="#">more</a>
V1510 — Passenger Airbag Marked By Contact	0	No	<a href="#">more</a>

## Case Vehicle

### Interior

Variable Number and Name	Code Value	Code Description	Other Options
V1601 — Left Front Door Damaged	0	No	<a href="#">more</a>
V1602 — Right Front Door Damaged	0	No	<a href="#">more</a>
V1603 — Left Front Hardware Damaged	0	No	<a href="#">more</a>
V1604 — Right Front Hardware Damaged	0	No	<a href="#">more</a>
V1605 — Left Front Armrest Damaged	0	No	<a href="#">more</a>
V1606 — Right Front Armrest Damaged	0	No	<a href="#">more</a>
V1607 — Left Front Glass Damaged	0	No	<a href="#">more</a>
V1608 — Right Front Glass Damaged	0	No	<a href="#">more</a>
V1609 — Left Rear Door Area Damaged	0	No	<a href="#">more</a>
V1610 — Right Rear Door Area Damaged	0	No	<a href="#">more</a>
V1611 — Left Rear Hardware Damaged	0	No	<a href="#">more</a>
V1612 — Right Rear Hardware Damaged	0	No	<a href="#">more</a>
V1613 — Left Rear Armrest Damaged	0	No	<a href="#">more</a>
V1614 — Right Rear Armrest Damaged	0	No	<a href="#">more</a>
V1615 — Left Rear Glass Damaged	0	No	<a href="#">more</a>
V1616 — Right Rear Glass Damaged	0	No	<a href="#">more</a>
V1617 — Left Roof Side Rail Damaged	0	No	<a href="#">more</a>
V1618 — Right Roof Side Rail Damaged	0	No	<a href="#">more</a>
V1619 — Left B-pillar Damaged	8	Not applicable	<a href="#">more</a>
V1620 — Right B-pillar Damaged	8	Not applicable	<a href="#">more</a>
V1621 — Left C-pillar Damaged	0	No	<a href="#">more</a>
V1622 — Right C-pillar Damaged	0	No	<a href="#">more</a>
V1623 — Left D-pillar Damaged	8	Not applicable	<a href="#">more</a>
V1624 — Right D-pillar Damaged	8	Not applicable	<a href="#">more</a>

V1625 — Left Headlining Damaged	0	No	<a href="#">more</a>
V1626 — Right Headlining Damaged	0	No	<a href="#">more</a>
V1627 — Left Roof Structure Damaged	0	No	<a href="#">more</a>
V1628 — Right Roof Structure Damaged	0	No	<a href="#">more</a>
V1629 — Left T/Sun Roof Damaged	8	Not applicable	<a href="#">more</a>
V1630 — Right T/Sun Roof Damaged	8	Not applicable	<a href="#">more</a>
V1631 — Other Left Side Item Damagd	8	Not applicable	<a href="#">more</a>
V1632 — Other Right Side Item Damagd	8	Not applicable	<a href="#">more</a>
V1633 — Foot Controls Damaged	0	No	<a href="#">more</a>
V1634 — Ignition Key Damaged	0	No	<a href="#">more</a>
V1635 — Rear View Mirror Damaged	4	Yes, occupant contact	<a href="#">more</a>
V1636 — Sunvisor/Fitting Damaged	5	Left side only	<a href="#">more</a>
V1637 — Windshield Molding Damaged	0	No	<a href="#">more</a>
V1638 — Left A-pillar Damaged	0	No	<a href="#">more</a>
V1639 — Right A-pillar Damaged	0	No	<a href="#">more</a>
V1640 — Center Console Damaged	0	No	<a href="#">more</a>
V1641 — Transmission Lever Damaged	0	No	<a href="#">more</a>
V1642 — Horn/Spoke Shroud Damagd	0	No	<a href="#">more</a>
V1643 — Upper Panel Damaged	0	No	<a href="#">more</a>
V1644 — Mid Panel Damaged	0	No	<a href="#">more</a>
V1645 — Lower Panel Damaged	4	Yes, occupant contact	<a href="#">more</a>
V1646 — Ashtray Damaged	0	No	<a href="#">more</a>
V1647 — Control Knob/Lever Damaged	0	No	<a href="#">more</a>
V1648 — Glove Compartment Area Damaged	4	Yes, occupant contact	<a href="#">more</a>
V1649 — Instruments Damaged	0	No	<a href="#">more</a>
V1650 — Park Brake Release Damaged	0	No	<a href="#">more</a>
V1651 — Park Brake Pedal Damaged	0	No	<a href="#">more</a>
V1652 — A/C Or Upper Vent Damaged	0	No	<a href="#">more</a>
V1653 — Heater Or A/C Duct Damaged	0	No	<a href="#">more</a>

V1654 — Radio Damaged	0	No	<a href="#">more</a>
V1655 — Other Item Damaged	8	Not applicable	<a href="#">more</a>
V1656 — Rear Window Damaged	0	No	<a href="#">more</a>
V1657 — Rear Window Header Damaged	0	No	<a href="#">more</a>
V1658 — Vertical Console Damaged	8	Not applicable	<a href="#">more</a>
V1659 — Roof Console Damaged	8	Not applicable	<a href="#">more</a>

## Case Vehicle

### Seats

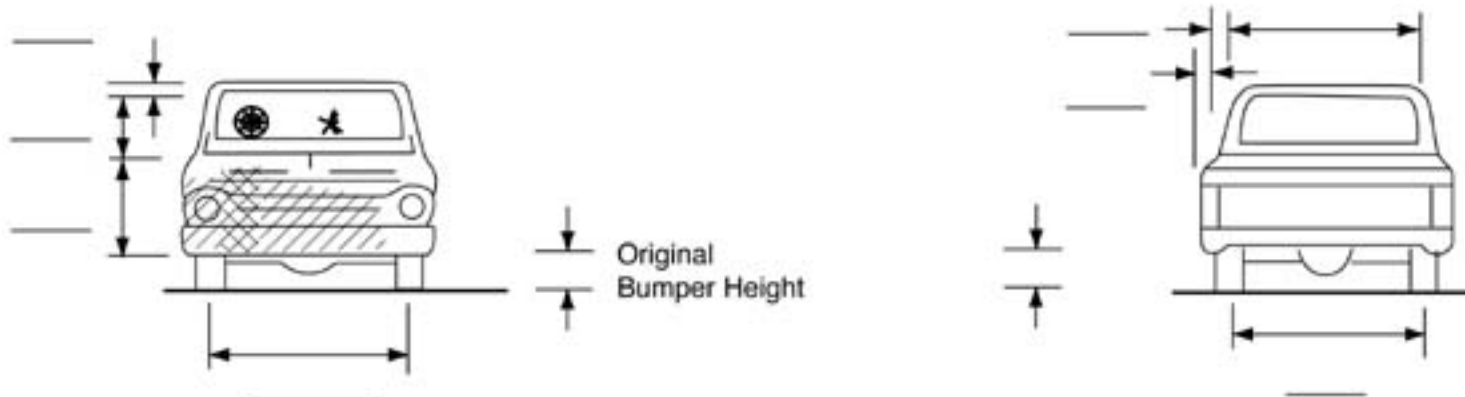
Variable Number and Name	Code Value	Code Description	Other Options
V1701 — Driver Front Seat Type	05	Bucket	<a href="#">more</a>
V1702 — Passenger Front Seat Type	05	Bucket	<a href="#">more</a>
V1703 — Driver Seat Mount Type	1	Standard	<a href="#">more</a>
V1704 — Passenger Seat Mount Type	1	Standard	<a href="#">more</a>
V1705 — Driver Swivel Mechanism Equipped	0	No	<a href="#">more</a>
V1706 — Passenger Swivel Mechanism Equipped	0	No	<a href="#">more</a>
V1707 — Driver Seat Original Equipment	1	Yes	<a href="#">more</a>
V1708 — Passenger Seat Original Equipment	1	Yes	<a href="#">more</a>
V1709 — Driver Seat/Rear Occupant Contact	8	Not applicable	<a href="#">more</a>
V1710 — Passenger Seat/Rear Occupant Contact	8	Not applicable	<a href="#">more</a>
V1711 — Driver Seat Damage	0	None	<a href="#">more</a>
V1712 — Passenger Seat Damage	0	None	<a href="#">more</a>
V1713 — Center Front Armrest Damaged	0	No	<a href="#">more</a>
V1714 — Driver Seat Rotation	0	None apparent	<a href="#">more</a>
V1715 — Passenger Seat Rotation	0	None apparent	<a href="#">more</a>
V1716 — Driver Seat-back Type	3	Reclining	<a href="#">more</a>
V1717 — Passenger Seat-back Type	3	Reclining	<a href="#">more</a>
V1718 — Driver Seat-back Lock Type	1	Manual	<a href="#">more</a>
V1719 — Passenger Seat-back Lock Type	1	Manual	<a href="#">more</a>
V1720 — Driver Seat-back Lock Held	1	Yes	<a href="#">more</a>
V1721 — Passenger Seat-back Lock Held	1	Yes	<a href="#">more</a>
V1722 — Driver Recliner Mechanism Held	1	Yes	<a href="#">more</a>
V1723 — Passenger Recliner Mechanism Held	1	Yes	<a href="#">more</a>
V1724 — Driver Head Restraint Type	2	Integral	<a href="#">more</a>



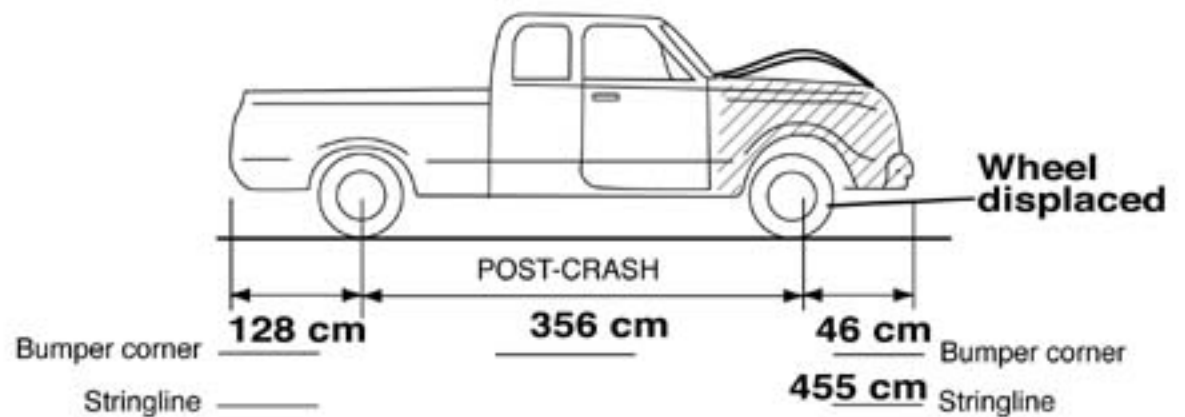
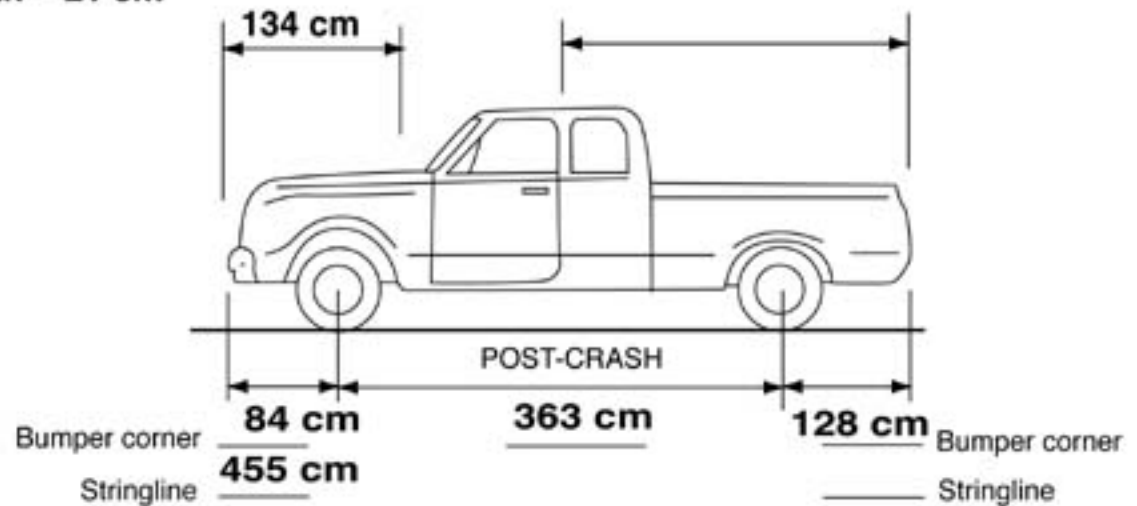
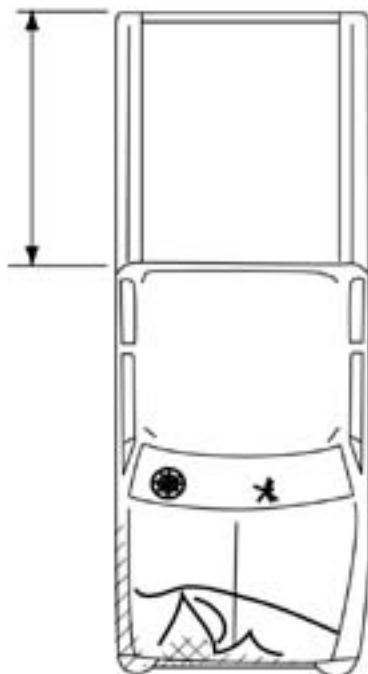
V1725 — Passenger Head Restraint Type	2	Integral	<a href="#">more</a>
V1726 — Driver Head Rest Removed	8	Not applicable	<a href="#">more</a>
V1727 — Passenger Head Rest Removed	8	Not applicable	<a href="#">more</a>
V1728 — Driver Head Rest Adjustment	8	Not applicable	<a href="#">more</a>
V1729 — Passenger Head Rest Adjustment	8	Not applicable	<a href="#">more</a>
V1730 — Driver Head Rest Damage	0	None	<a href="#">more</a>
V1731 — Passenger Head Rest Damage	0	None	<a href="#">more</a>
V1732 — Driver Seat Adjustment Type	1	Manual	<a href="#">more</a>
V1733 — Passenger Seat Adjustment Type	1	Manual	<a href="#">more</a>
V1734 — Driver Seat Adjustment Provided	2	4-way	<a href="#">more</a>
V1735 — Passenger Seat Adjustment Provided	2	4-way	<a href="#">more</a>
V1736 — Driver Seat Adjuster Damage	0	None	<a href="#">more</a>
V1737 — Passenger Seat Adjuster Damage	0	None	<a href="#">more</a>
V1738 — Driver Seat Adjuster Separation	8	Not applicable	<a href="#">more</a>
V1739 — Passenger Seat Adjuster Separation	8	Not applicable	<a href="#">more</a>
V1740 — Driver Seat Pre-crash Position	3	Rearward	<a href="#">more</a>
V1741 — Passenger Seat Pre-crash Position	3	Rearward	<a href="#">more</a>
V1742 — Left Rear Seat Type	4	Jump seat	<a href="#">more</a>
V1743 — Right Rear Seat Type	4	Jump seat	<a href="#">more</a>
V1744 — Left Rear Seat Damaged	0	None	<a href="#">more</a>
V1745 — Right Rear Seat Damaged	0	None	<a href="#">more</a>
V1746 — Center Rear Armrest Damaged	8	Not applicable (No Center Armrest)	<a href="#">more</a>
V1747 — Left Rear Seat-back Left Lock Equipped	8	Not applicable	<a href="#">more</a>
V1748 — Right Rear Seat-back Left Lock Equipped	8	Not applicable	<a href="#">more</a>
V1749 — Left Rear Seat-back Left Lock Held	8	Not applicable	<a href="#">more</a>
V1750 — Right Rear Seat-back Left Lock Held	8	Not applicable	<a href="#">more</a>
V1751 — Left Rear Seat-back Right Lock Equipped	8	Not applicable	<a href="#">more</a>
V1752 — Right Rear Seat-back Right Lock	8	Not applicable	<a href="#">more</a>

Equipped			
V1753 — Left Rear Seat-back Right Lock Held	8	Not applicable	<a href="#">more</a>
V1754 — Right Rear Seat-back Right Lock Held	8	Not applicable	<a href="#">more</a>
V1755 — Left 3rd Seat Equipped	0	No	<a href="#">more</a>
V1756 — Right 3rd Seat Equipped	0	No	<a href="#">more</a>
V1757 — Left 3rd Seat Backrest Damaged	8	Not applicable	<a href="#">more</a>
V1758 — Right 3rd Seat Backrest Damaged	8	Not applicable	<a href="#">more</a>
V1759 — Left 3rd Seat Cushion Damaged	8	Not applicable	<a href="#">more</a>
V1760 — Right 3rd Seat Cushion Damaged	8	Not applicable	<a href="#">more</a>
V1761 — Rear Head Restraints	0	Not Equipped (or removed)	<a href="#">more</a>

# MEASUREMENTS IN CENTIMETERS



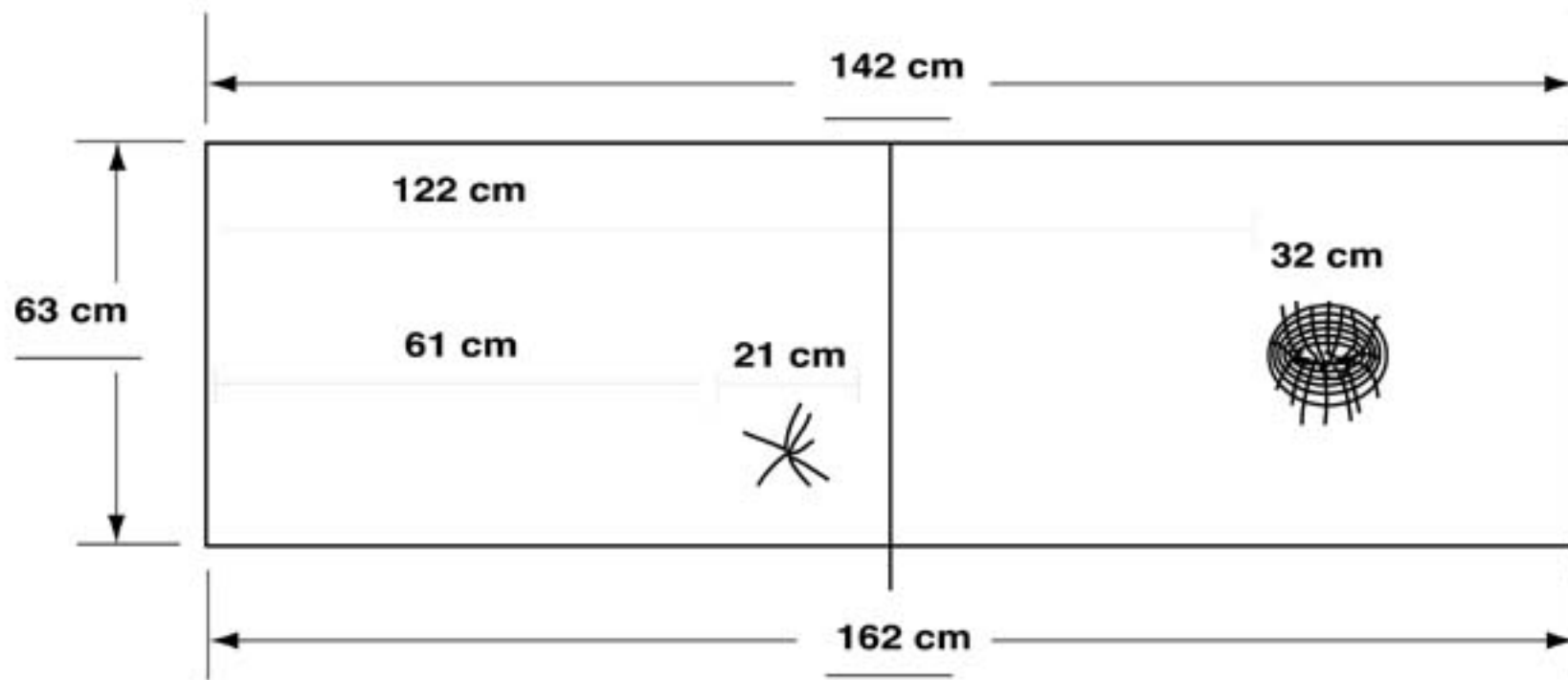
**Direct damage length = 21 cm**  
**Max crush = 34 cm**



WINDSHIELD MARK ON CASE VEHICLE:

**FORD**

**DOT 45 TINT EX PLUS**  
**MCM 50 AS-1**



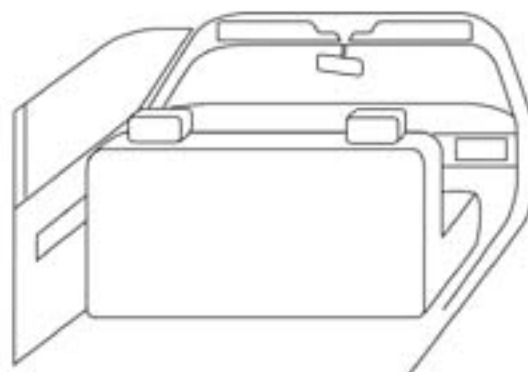
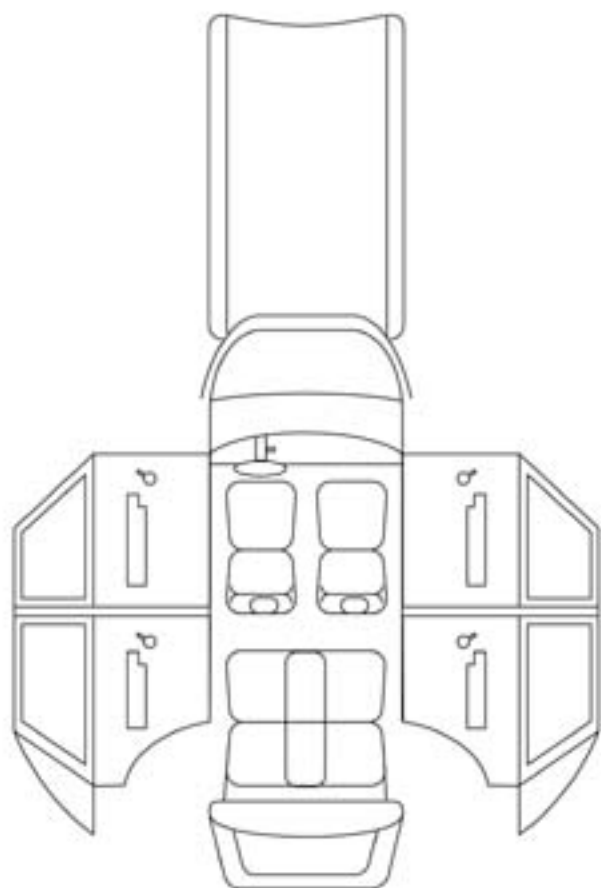
1 = Definitely 2 = Probably 3 = Possible

### INTRUSION IT-1

Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)			Dominant Crush Direction
		Comparison Value	–	Intruded Value = Intrusion	
			–	=	
			–	=	
			–	=	
			–	=	
	<b>None apparent</b>		–	=	
			–	=	
			–	=	
			–	=	
			–	=	
			–	=	
			–	=	
			–	=	
			–	=	
			–	=	

### OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Windshield	1	Hand	Radial crack	3
B	Reaview mirror	1	Hand	Cracked	2
C	Sunvisor	1	Head	Pivot cover broken, scuff mark	1
D	Knee bolster	1	Knee	Scuff mark	1
E	Knee bolster	1	Knee	Crack	2
F	Windshield	2	Head	Spider web	1
G	Glove box	2	Knee	Scuff mark	
H					
I					
K					



Pivoit cover broken, scuff mark

Cracked

Spider web

**C**

**B**

**F**

**A**

Radial crack

**D**

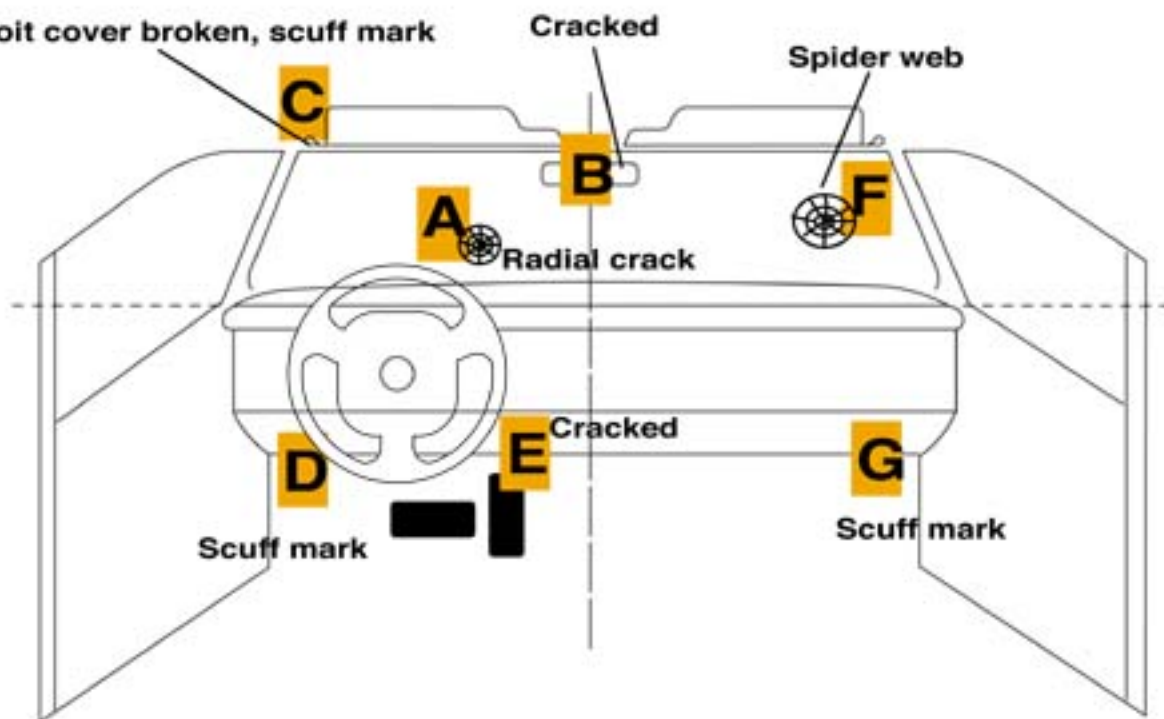
Cracked

**G**

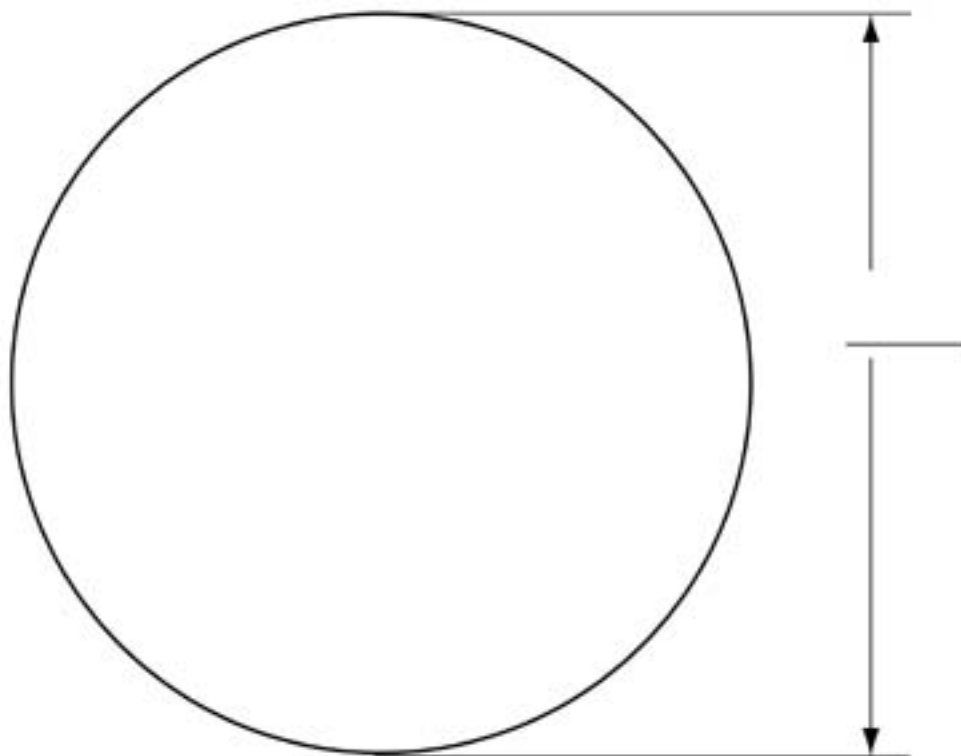
Scuff mark

**E**

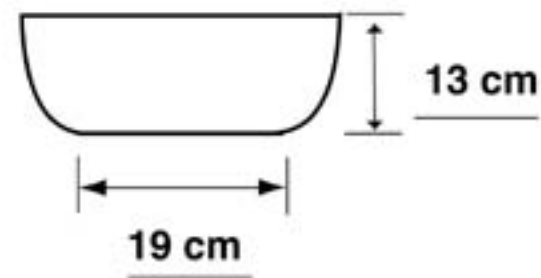
Scuff mark



Driver Airbag



Driver Airbag Doors



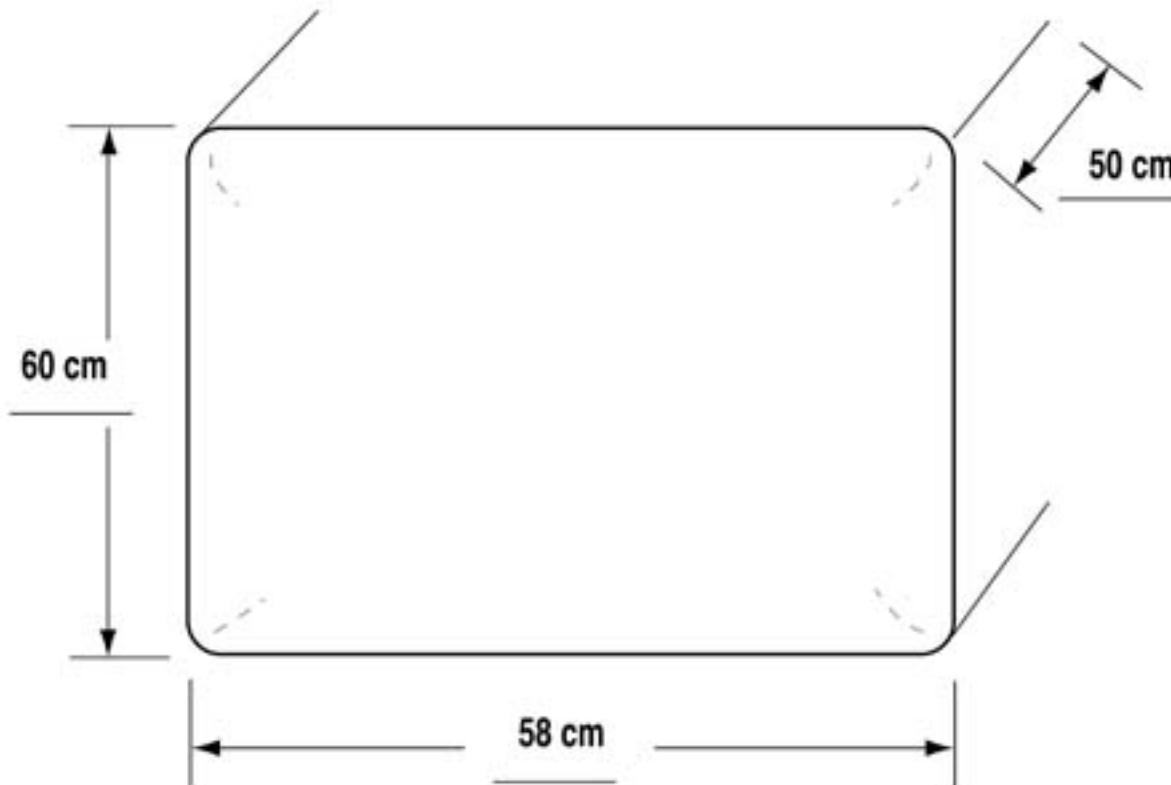
Single Door

Vents: ☒ Y ☐ N  
if yes, how many: 2

Tethers: ☒ Y ☐ N  
if yes, how many: 2

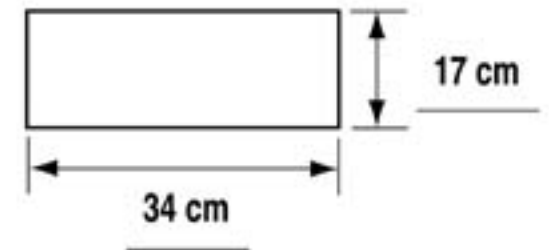


### Passenger Airbag



### Passenger Airbag Doors

#### Single Door



Vents: Y ☒ N  
if yes, how many: \_\_\_\_\_

Tethers: Y ☒ N  
if yes, how many: \_\_\_\_\_

# Case # 240: Occupant # 1; Injury # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	01	Injury #1	<a href="#">more</a>
V2102 — 1st Prob Contact Area	10	Sunvisor, fitting(s) &/or top molding	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	08	Head/skull	<a href="#">more</a>
V2105 — Primary OIC -aspect	21	Unknown	<a href="#">more</a>
V2106 — Primary OIC -lesion	12	Laceration	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	HULI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

## Case # 240: Occupant # 1; Injury # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	02	Injury #2	<a href="#">more</a>
V2102 — 1st Prob Contact Area	87	Air cushion skin "airbag"	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	03	Chest	<a href="#">more</a>
V2105 — Primary OIC -aspect	03	Central	<a href="#">more</a>
V2106 — Primary OIC -lesion	03	Contusion	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	CCCI1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 240: Occupant # 2; Injury # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	01	Injury #1	<a href="#">more</a>
V2102 — 1st Prob Contact Area	12	Windshield	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	06	Face	<a href="#">more</a>
V2105 — Primary OIC -aspect	09	Inferior/lower	<a href="#">more</a>
V2106 — Primary OIC -lesion	12	Laceration	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	FIL11	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

## Case # 240: Occupant # 2; Injury # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	02	Injury #2	<a href="#">more</a>
V2102 — 1st Prob Contact Area	12	Windshield	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	06	Face	<a href="#">more</a>
V2105 — Primary OIC -aspect	09	Inferior/lower	<a href="#">more</a>
V2106 — Primary OIC -lesion	12	Laceration	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	09	Integumentary	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	FIL11	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

## Case # 240: Occupant # 2; Injury # 3

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	03	Injury #3	<a href="#">more</a>
V2102 — 1st Prob Contact Area	12	Windshield	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	06	Face	<a href="#">more</a>
V2105 — Primary OIC -aspect	09	Inferior/lower	<a href="#">more</a>
V2106 — Primary OIC -lesion	06	Fracture	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	19	Skeletal	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	FIFS1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

## Case # 240: Occupant # 2; Injury # 4

Variable Number and Name	Code Value	Code Description	Other Options
V2101 — Injury Number	04	Injury #4	<a href="#">more</a>
V2102 — 1st Prob Contact Area	87	Air cushion skin "airbag"	<a href="#">more</a>
V2103 — 2nd Prob Contact Area	00	No Contact/not applicable	<a href="#">more</a>
V2104 — Primary OIC -body Region	05	Elbow	<a href="#">more</a>
V2105 — Primary OIC -aspect	18	Right	<a href="#">more</a>
V2106 — Primary OIC -lesion	19	Sprain	<a href="#">more</a>
V2107 — Primary OIC -system/Organ	10	Joints	<a href="#">more</a>
V2108 — Primary OIC -severity	1	Minor	<a href="#">more</a>
V2109 — Primary OIC	ERSJ1	—	—
V2110 — Assoc OIC 1 -body Region	99	No injury	<a href="#">more</a>
V2111 — Assoc OIC 1 -aspect	99	No injury	<a href="#">more</a>
V2112 — Assoc OIC 1 -lesion	99	No injury	<a href="#">more</a>
V2113 — Assoc OIC 1 -system/Organ	99	No injury	<a href="#">more</a>
V2114 — Assoc OIC 1 -severity	9	Unknown	<a href="#">more</a>
V2115 — Assoc OIC 1	—	—	—

# Case # 240: Occupant # 1

Variable Number and Name	Code Value	Code Description	Other Options
V2001 — Occupant Number	01	Occupant #1	<a href="#">more</a>
V2002 — Occupant Role At 1st Impact	1	Motor vehicle driver	<a href="#">more</a>
V2003 — Occupant Position -row	1	1st row	<a href="#">more</a>
V2004 — Occupant Position -lateral	1	Left	<a href="#">more</a>
V2005 — Occupant Position -posture	10	Sitting on seat	<a href="#">more</a>
V2006 — Occupant Age In Years	28	—	—
V2007 — Occupant Age In Months	25	25 months or older	<a href="#">more</a>
V2008 — Occupant Mass	086 kg	—	—
V2009 — Occupant Height	188 cm	—	—
V2010 — Occupant Sex	1	Male	<a href="#">more</a>
V2011 — Occupant Treatment/Mortality	00	None	<a href="#">more</a>
V2012 — Injury Severity Score	01	ISS 1	<a href="#">more</a>
V2013 — Non-impact Med Condition	0	None	<a href="#">more</a>
V2014 — Police Injury Severity	2	B - Non-incapacitating Injury	<a href="#">more</a>
V2015 — Active Restraint System	3	Both lap belt and shoulder harness	<a href="#">more</a>
V2016 — Active Restraint Usage	0	None (available but not used)	<a href="#">more</a>
V2017 — Passive Restraint System	1	Air bag installed	<a href="#">more</a>
V2018 — Passive Restraint Usage	2	Air bag deployed	<a href="#">more</a>
V2019 — Child Seat Type	88	Not applicable (adult or older child)	<a href="#">more</a>
V2020 — Occupant Ejection Degree	0	None	<a href="#">more</a>
V2021 — Occupant Ejection Area	98	Not applicable (not ejected)	<a href="#">more</a>
V2022 — Highest OIC Severity	1	Minor	<a href="#">more</a>



V2023 — Head Restraint Available	1	Equipped	<a href="#">more</a>
V2024 — Occupant Eyewear	0	None	<a href="#">more</a>
V2025 — Source of Occupant Info	0	Interview	<a href="#">more</a>

## Case # 240: Occupant # 2

Variable Number and Name	Code Value	Code Description	Other Options
V2001 — Occupant Number	02	Occupant #2	<a href="#">more</a>
V2002 — Occupant Role At 1st Impact	2	Motor vehicle passenger	<a href="#">more</a>
V2003 — Occupant Position -row	1	1st row	<a href="#">more</a>
V2004 — Occupant Position -lateral	5	Right	<a href="#">more</a>
V2005 — Occupant Position -posture	10	Sitting on seat	<a href="#">more</a>
V2006 — Occupant Age In Years	23	—	—
V2007 — Occupant Age In Months	25	25 months or older	<a href="#">more</a>
V2008 — Occupant Mass	048 kg	—	—
V2009 — Occupant Height	160 cm	—	—
V2010 — Occupant Sex	2	Female	<a href="#">more</a>
V2011 — Occupant Treatment/Mortality	02	Treated at hospital/clinic but not admitted	<a href="#">more</a>
V2012 — Injury Severity Score	03	ISS 3	<a href="#">more</a>
V2013 — Non-impact Med Condition	0	None	<a href="#">more</a>
V2014 — Police Injury Severity	2	B - Non-incapacitating Injury	<a href="#">more</a>
V2015 — Active Restraint System	3	Both lap belt and shoulder harness	<a href="#">more</a>
V2016 — Active Restraint Usage	0	None (available but not used)	<a href="#">more</a>
V2017 — Passive Restraint System	1	Air bag installed	<a href="#">more</a>
V2018 — Passive Restraint Usage	2	Air bag deployed	<a href="#">more</a>
V2019 — Child Seat Type	88	Not applicable (adult or older child)	<a href="#">more</a>
V2020 — Occupant Ejection Degree	0	None	<a href="#">more</a>
V2021 — Occupant Ejection Area	98	Not applicable (not ejected)	<a href="#">more</a>
V2022 — Highest OIC Severity	1	Minor	<a href="#">more</a>

V2023 — Head Restraint Available	1	Equipped	<a href="#">more</a>
V2024 — Occupant Eyewear	0	None	<a href="#">more</a>
V2025 — Source of Occupant Info	7	Combination of above	<a href="#">more</a>







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THE BOSS







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F350  
SUPER DUTY







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AGW

4x4  
OFF ROAD























AIRBAG

Q



Q

0 1 2 3 4 5 6 7 8 9 10 11 12































































FUSE PANEL

























